

FIG. 1

PERSON WHO LOST PORTABLE TELEPHONE SET	MAINTENANCE SERVICE CENTER	PORTABLE TELEPHONE SET
LOSS OF PORTABLE TELEPHONE SET (A)	CALL TO MAINTENANCE SERVICE CENTER IN MIDST OF CONVERSATION	
(B) INPUT OF PORTABLE TELEPHONE NUMBER INPUT OF CODE NUMBER	AUDIO GUIDANCE PORTABLE TELEPHONE NUMBER, CODE NUMBER CIRCUIT CUTOFF	CALL CONTROLLER START (HOST PROCESSOR) CHECK OF PORTABLE TELEPHONE NUMBER, CODE NUMBER NG
CONFIRMATION OF INPUT ITEMS	CONFIRMATION REQUEST AND CONTACT DESTINATION REQUEST	OK
INPUT OF CONTACT DESTINATION, TELEPHONE NUMBER	CONTACT TELEPHONE NUMBER ACCEPTANCE REGISTRATION COMPLETION NOTIFICATION	STORAGE OF CONTACT TELEPHONE NUMBER, PORTABLE TELEPHONE NUMBER, CODE NUMBER

FIG. 2

PERSON WHO LOST
PORTABLE TELEPHONE SET

MAINTENANCE
SERVICE CENTER

PORTABLE TELEPHONE SET

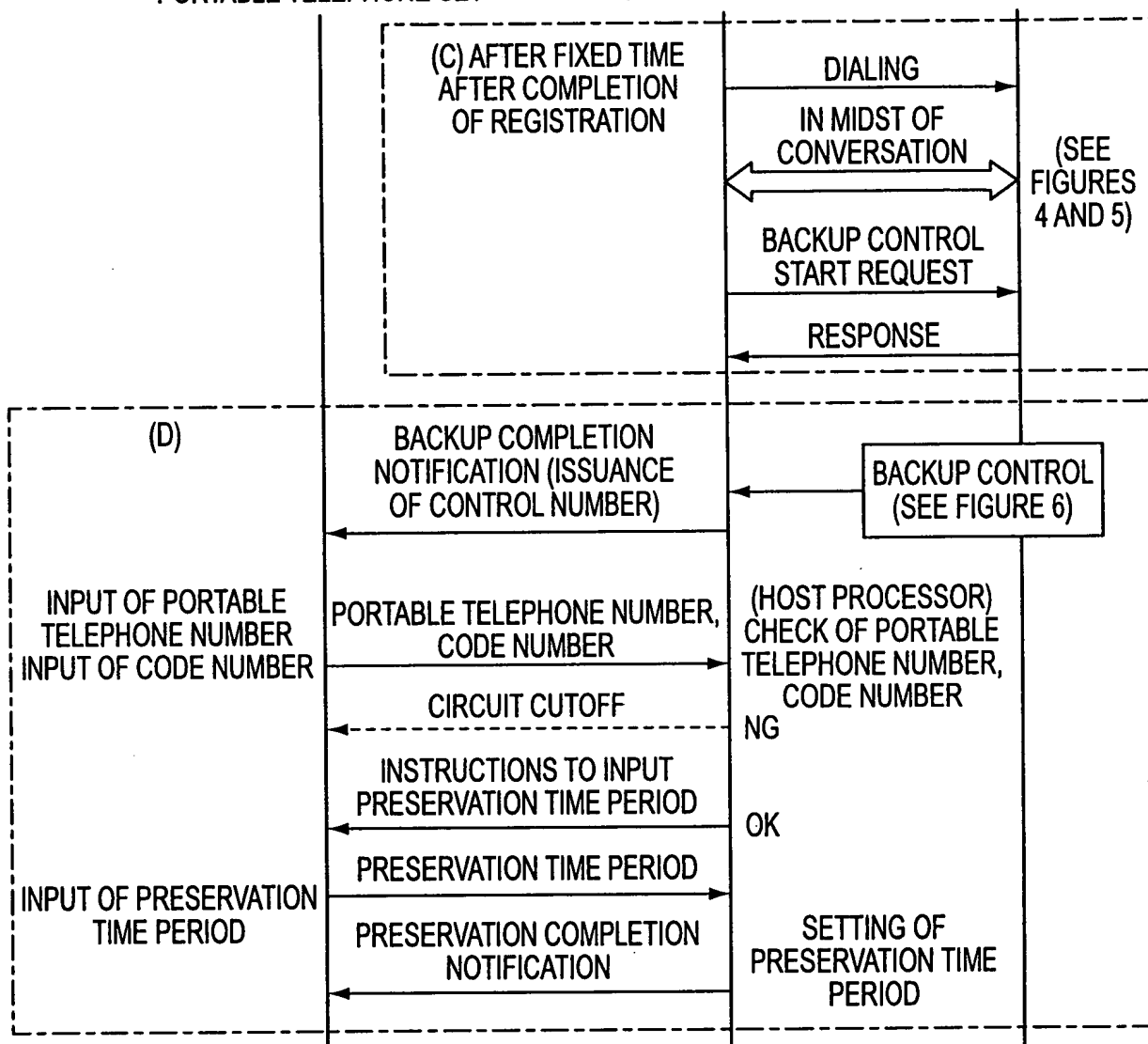


FIG. 3

009100-100000

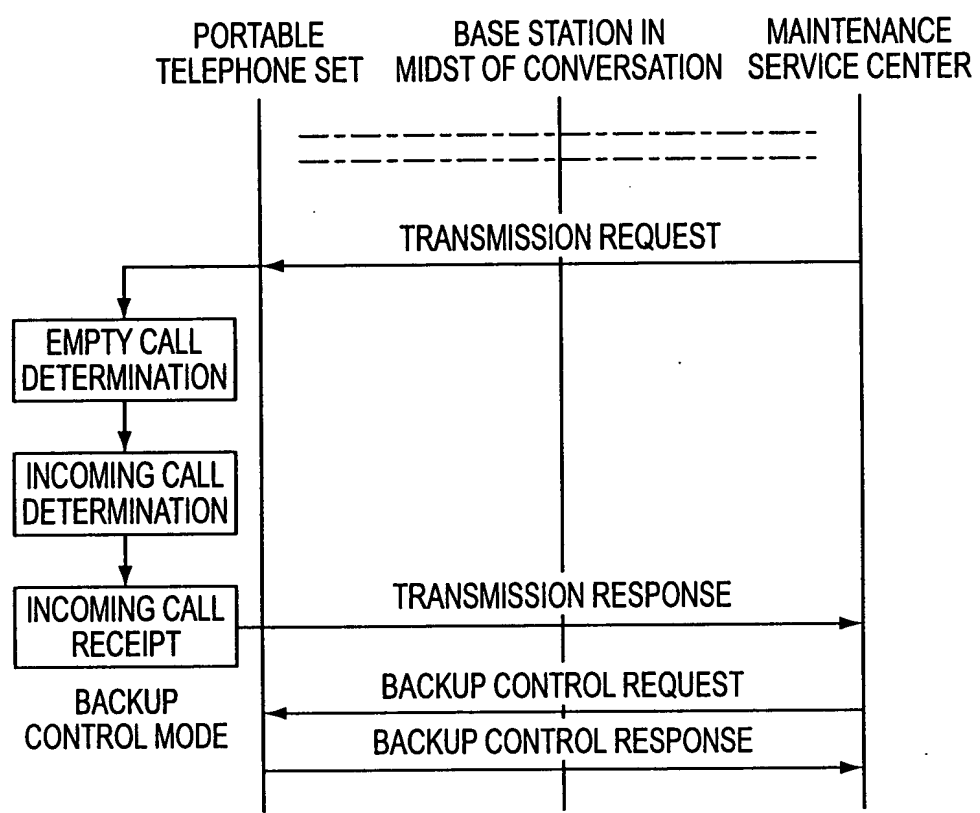


FIG. 4

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sequenceDiagram
    participant P as PORTABLE TELEPHONE SET
    participant B as BASE STATION
    participant M as MAINTENANCE SERVICE CENTER

    Note over P: WAITING
    P->>B: PAGING
    B->>M: TRANSMISSION REQUEST
    Note over M: ELAPSE OF FIXED TIME
    M->>B: TRANSMISSION REQUEST
    B->>P: PAGING
    P->>B: RESPONSE
    B->>M: RESPONSE
    Note over M: ELAPSE OF FIXED TIME
    M->>B: BACKUP CONTROL START REQUEST
    B->>P: BACKUP CONTROL START REQUEST
    Note over P: BACKUP CONTROL MODE
  
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The diagram illustrates the backup control process across three entities: PORTABLE TELEPHONE SET, BASE STATION, and MAINTENANCE SERVICE CENTER. The process begins with the PORTABLE TELEPHONE SET in a WAITING state. It initiates a PAGING signal to the BASE STATION. The BASE STATION then sends a TRANSMISSION REQUEST to the MAINTENANCE SERVICE CENTER. An ELAPSE OF FIXED TIME occurs at the MAINTENANCE SERVICE CENTER, after which it sends another TRANSMISSION REQUEST back to the BASE STATION. The BASE STATION then sends a PAGING signal back to the PORTABLE TELEPHONE SET. The PORTABLE TELEPHONE SET responds with a RESPONSE to the BASE STATION. The BASE STATION then sends a RESPONSE to the MAINTENANCE SERVICE CENTER. Another ELAPSE OF FIXED TIME occurs at the MAINTENANCE SERVICE CENTER, followed by a BACKUP CONTROL START REQUEST being sent to the BASE STATION. The BASE STATION then sends a BACKUP CONTROL START REQUEST to the PORTABLE TELEPHONE SET, which enters the BACKUP CONTROL MODE.

FIG. 5

FIG. 6

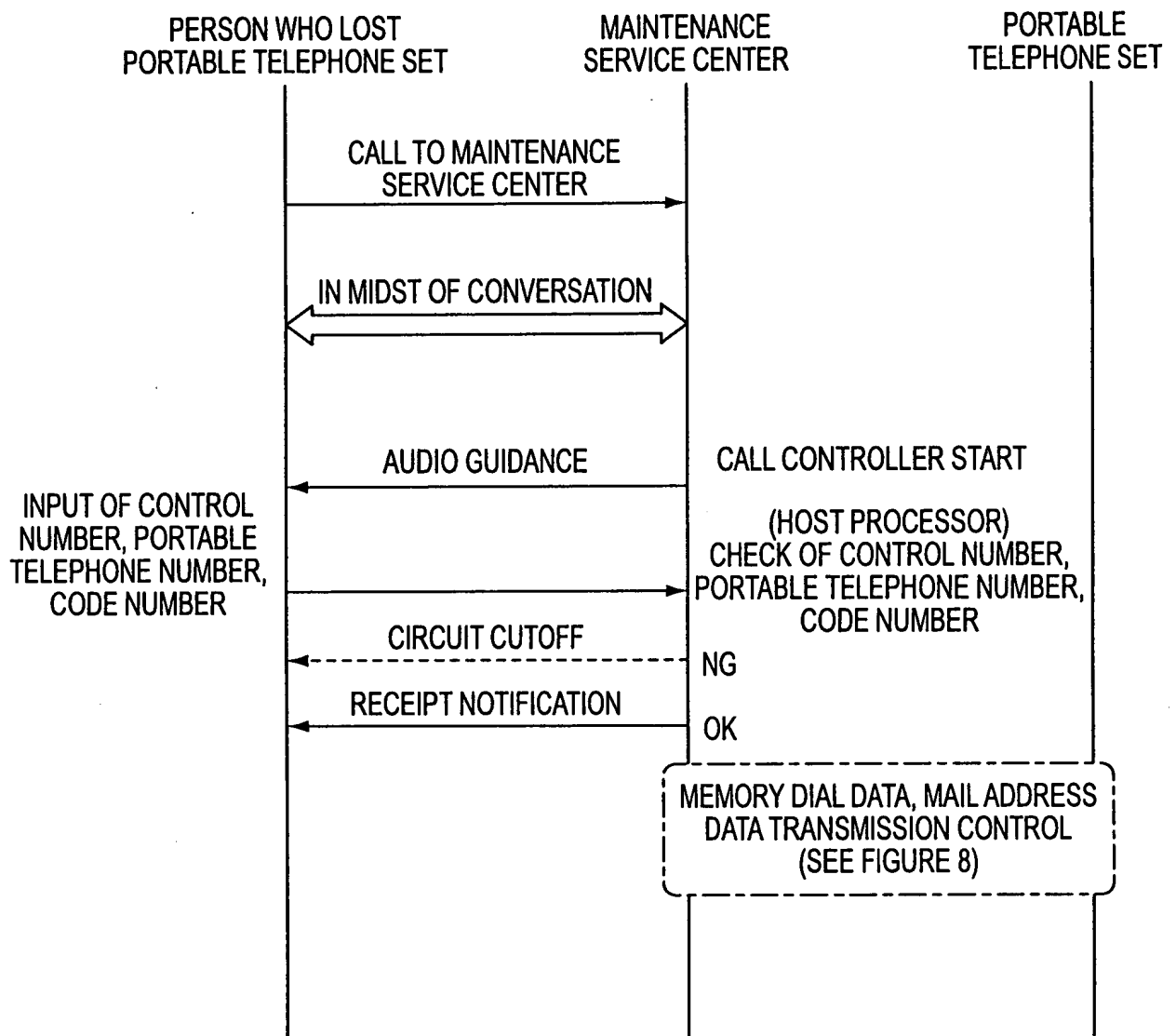


FIG. 7

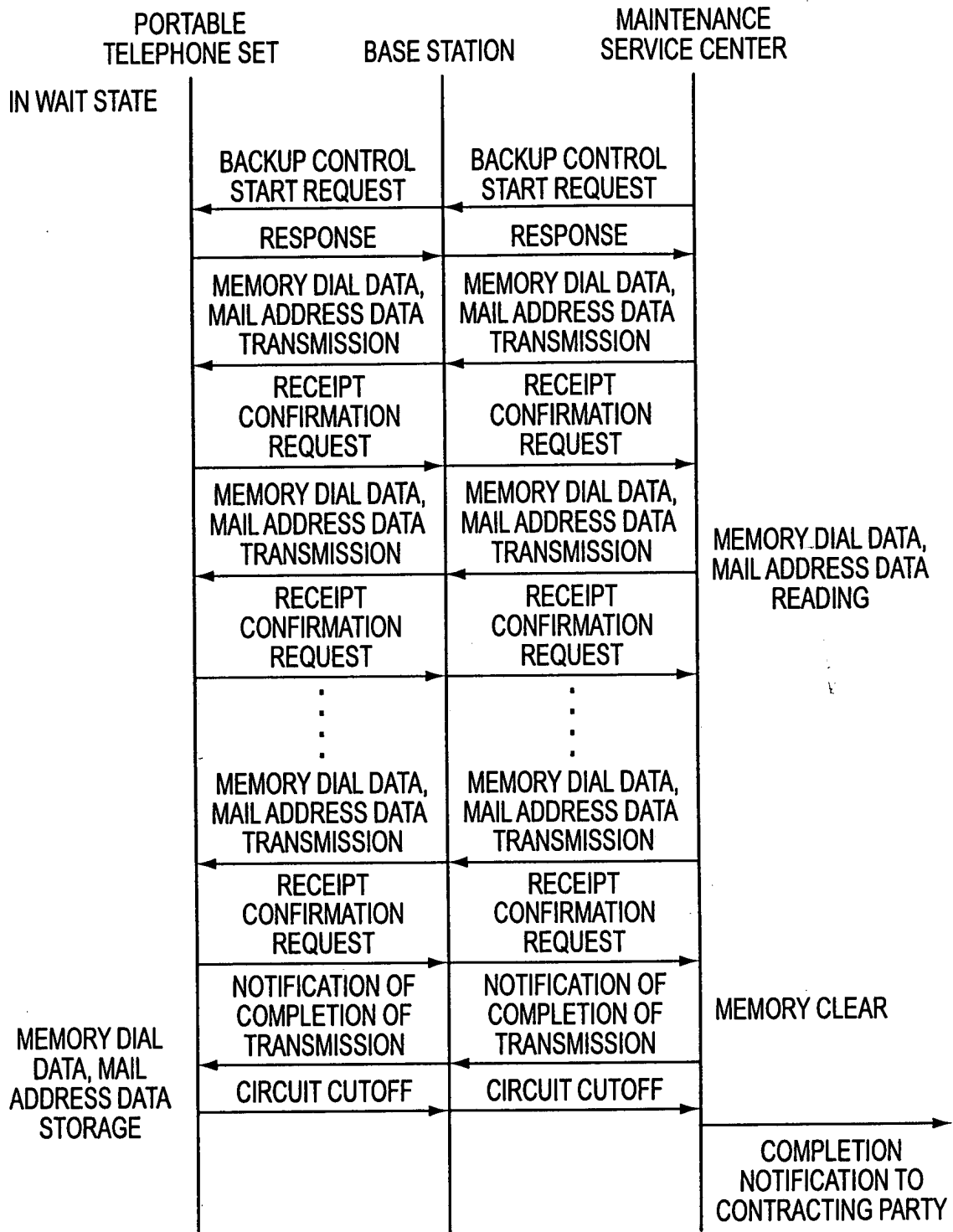


FIG. 8